



**SHENZHEN SOUTH STAR
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catalogue

- 一、Project Requirement Information
- 二、Definition of darkroom testing environment and axis
- 三、Antenna electrical properties



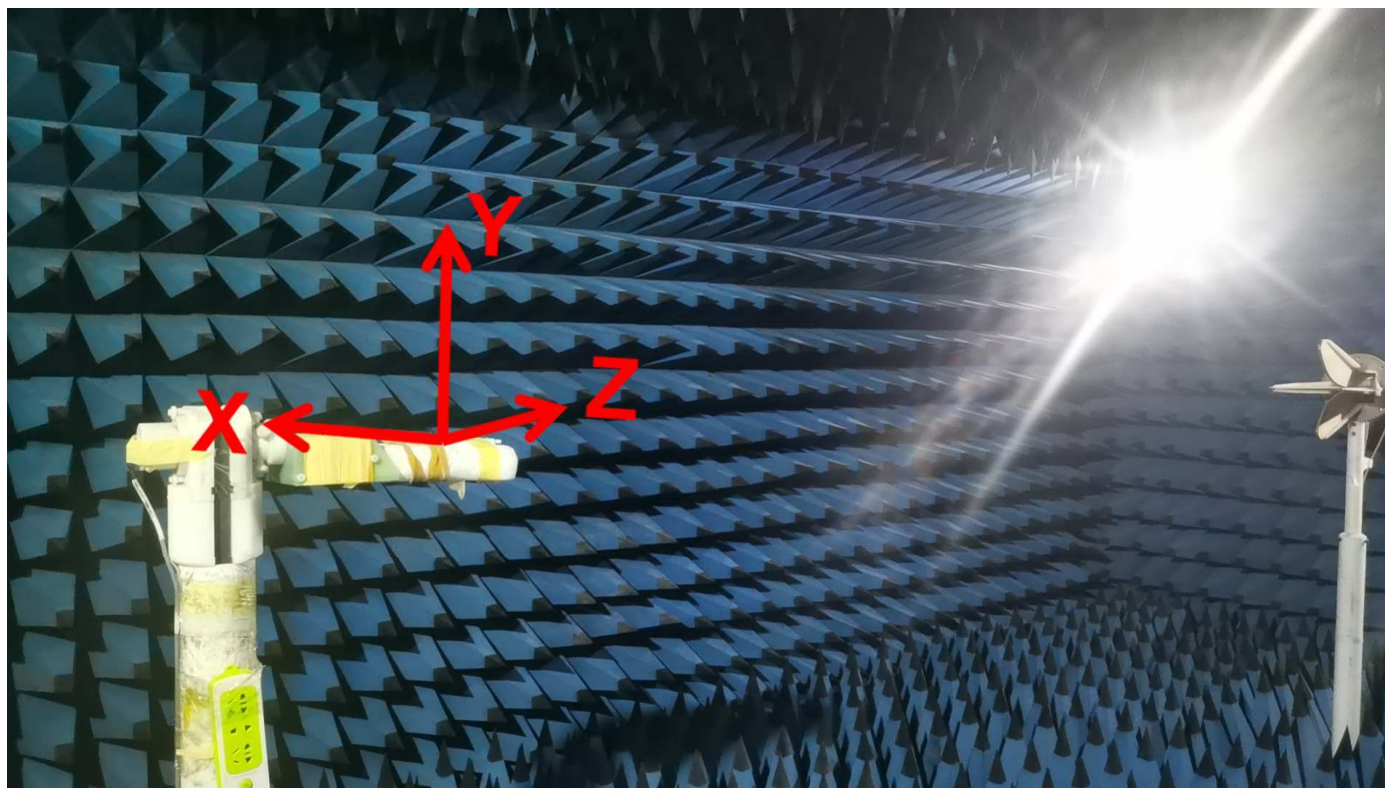
一、Project Requirement Information

Customer	Project	Antenna implementation method
Roborock	PE	Onboard antenna
Parameter requirements		
WIFI	2400-2500MHz	
Model	PE PRO	



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二、 Definition of darkroom testing environment and axis

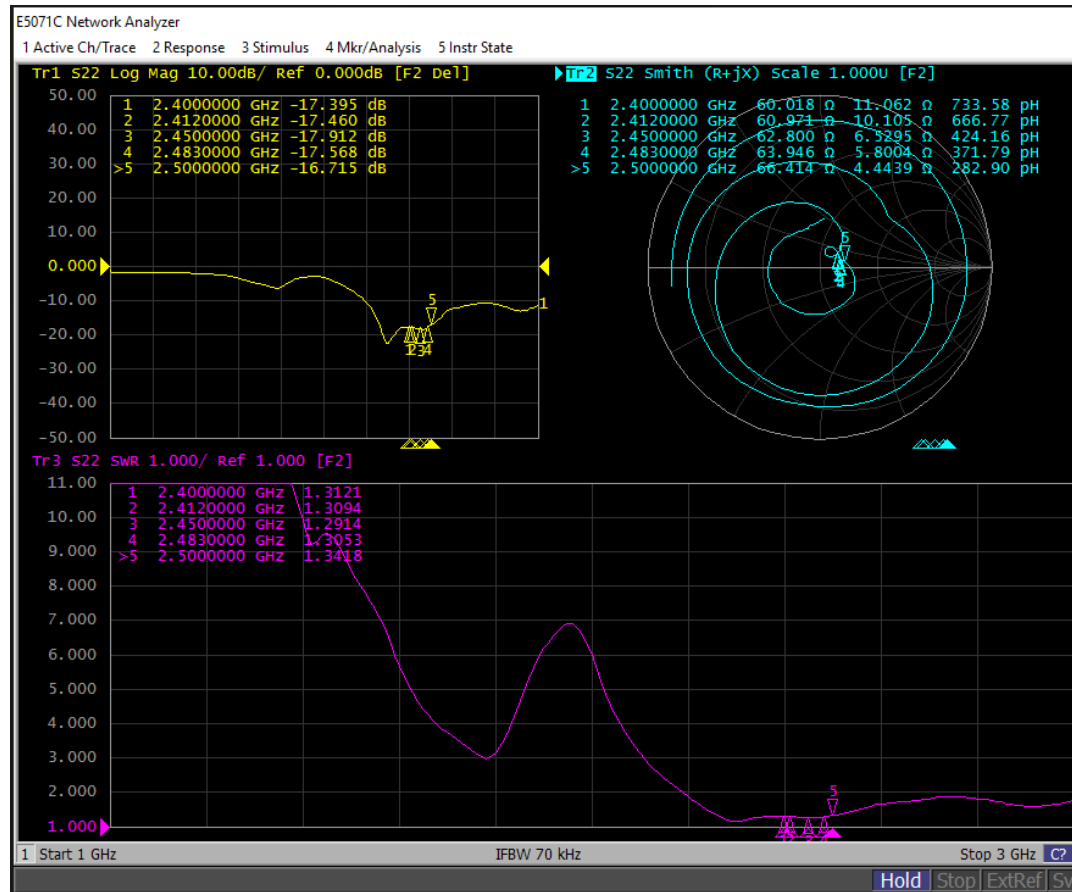


H:XY
E1:XZ
E2:YZ



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三、Antenna electrical properties





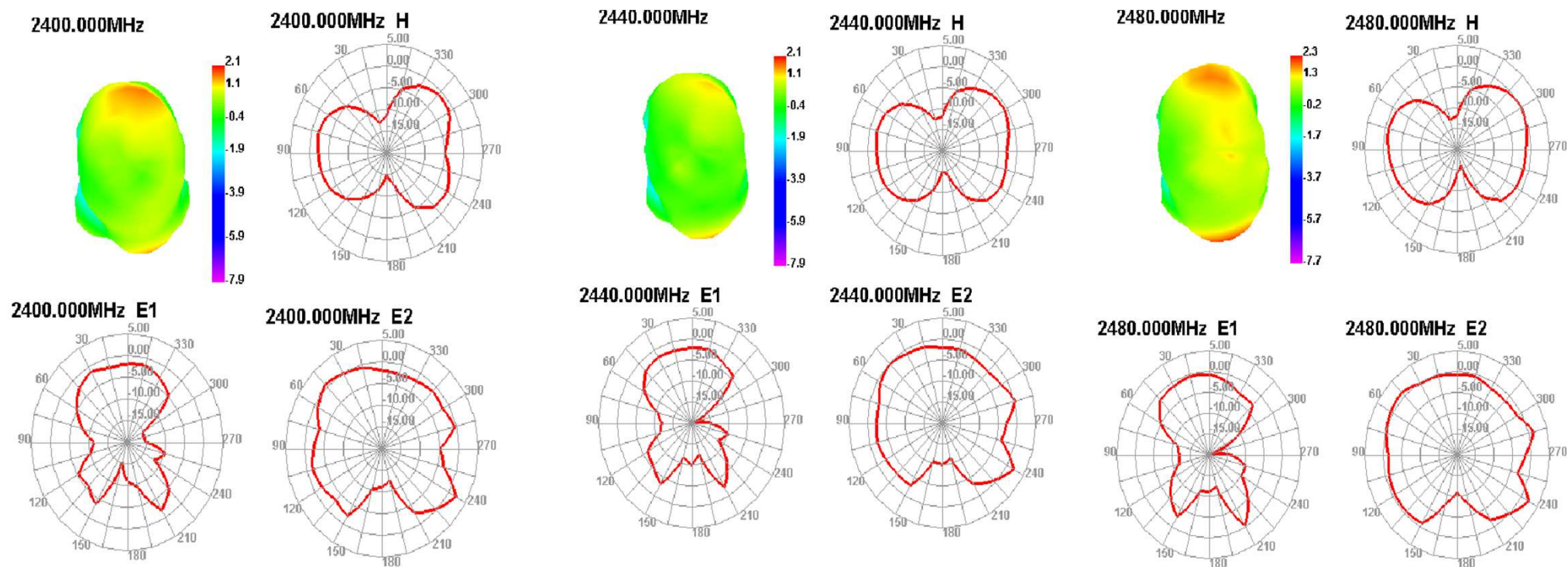
Antenna efficiency&gain

Freq (MHz)	Effi (%)	Gain (dBi)
2400	66.61	2.09
2410	64.8	2.11
2420	65.05	2.13
2430	62.41	2.16
2440	59.16	2.12
2450	58.56	2.21
2460	61.35	2.24
2470	63.25	2.17
2480	62.33	2.28
2490	61.01	2.24
2500	63.28	2.12



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Antenna pattern diagram





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專業的天線整體解決方案供應商

Thank you

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